

Title (en)

Flexible coupling means, and mechanical transmission

Title (de)

Flexibles Kopplungsmittel und mechanische Übertragung

Title (fr)

Moyen d'accouplement flexible, et transmission mécanique

Publication

EP 2657558 B1 20150304 (FR)

Application

EP 13001275 A 20130313

Priority

FR 1201238 A 20120427

Abstract (en)

[origin: EP2657558A1] The coupling unit (10) has two elements (20, 30) provided with two diaphragms and coupled to two rotary parts (2, 3), respectively. A torque-transmission emergency device includes a bayonet system with a protuberance (50) secured to one element and co-operating with an angled groove (60) secured to the other element by a thrust-and-rotation movement. The coupling unit includes both axial clearance in compression together with axial clearance in traction, and circumferential clearance between each protuberance and walls defining the corresponding angled groove.

IPC 8 full level

F16D 3/72 (2006.01)

CPC (source: EP KR US)

F16D 1/076 (2013.01 - KR); **F16D 1/08** (2013.01 - KR); **F16D 3/10** (2013.01 - US); **F16D 3/72** (2013.01 - EP US); **F16D 9/10** (2013.01 - EP US); **Y10T 403/7007** (2015.01 - EP US)

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DOCDB simple family (publication)

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